DEAR  FAIZAN,

Please review this yearwise query.

**QUERY-1: TOTAL  TRIPS**

create or replace PROCEDURE MSIL\_TOTALTRIPS4

(

    C OUT SYS\_REFCURSOR,

    P\_FROM\_DATE IN DATE,

    P\_TO\_DATE   IN DATE)

AS

BEGIN

  OPEN C FOR SELECT X.CNT,"YEAR" FROM

  (SELECT EXTRACT(YEAR FROM TRIP\_INV\_DATE) "YEAR",COUNT(\*) CNT

  FROM ETRK\_MUL\_NEWTRIP

  WHERE (TRIP\_INV\_DATE >= P\_FROM\_DATE

  AND TRIP\_INV\_DATE    <= P\_TO\_DATE)

--  AND TRIP\_INV\_DATE    >= TO\_DATE('01-01-17','DD-MM-YY')

  GROUP BY EXTRACT(YEAR FROM TRIP\_INV\_DATE)

  UNION

  SELECT EXTRACT(YEAR FROM TRIP\_INV\_DATE) "YEAR",COUNT(\*) CNT

  FROM ETRK\_MUL\_NEWTRIP\_HIST

  WHERE (TRIP\_INV\_DATE >= P\_FROM\_DATE

  AND TRIP\_INV\_DATE    <= P\_TO\_DATE)

--  AND TRIP\_INV\_DATE    >= TO\_DATE('01-01-17','DD-MM-YY') -- HARD CODED (Since data before the date is not accurate)

  GROUP BY EXTRACT(YEAR FROM TRIP\_INV\_DATE)

  ) X ORDER BY "YEAR";

END MSIL\_TOTALTRIPS4;

**QUERY-2: OPEN TRIPS**

create or replace PROCEDURE MSIL\_OPENTRIPS4

(

    C OUT SYS\_REFCURSOR,

    P\_FROM IN DATE,

    P\_TO IN DATE,

    PRESENT\_PAST VARCHAR2)

AS

from\_date VARCHAR2(20) := to\_char(P\_FROM,'dd-MM-YY') || '00:00:00';

end\_date VARCHAR2(20) := to\_char(P\_TO,'dd-MM-YY') || '23:59:59';

BEGIN

  IF PRESENT\_PAST = 'PRESENT' THEN

    OPEN C FOR SELECT COUNT(\*) CNT FROM ETRK\_MUL\_NEWTRIP WHERE TRIP\_INV\_DATE >= TO\_DATE('01-01-17','DD-MM-YY') AND

TRIP\_STATUS = 1 AND TRIP\_ONWD\_COMP\_DATE IS NULL; --ahead cases

  ELSE

    OPEN C FOR SELECT X.CNT,"YEAR" FROM

    (SELECT COUNT(\*) CNT, EXTRACT(YEAR FROM TRIP\_INV\_DATE) "YEAR"

    FROM ETRK\_MUL\_NEWTRIP

    WHERE TRIP\_INV\_DATE BETWEEN TO\_DATE( from\_date,'DD-MM-YY HH24:MI:SS') AND TO\_DATE( end\_date,'DD-MM-YY

HH24:MI:SS')

    AND (TRIP\_AUTO\_CLOSURE\_DATE > TO\_DATE(end\_date,'DD-MM-YY HH24:MI:SS') OR TRIP\_AUTO\_CLOSURE\_DATE IS NULL)

    AND (TRIP\_COMPLETED\_DATE > TO\_DATE(end\_date,'DD-MM-YY HH24:MI:SS') OR TRIP\_COMPLETED\_DATE IS NULL)

    AND (TRIP\_ONWD\_COMP\_DATE > TO\_DATE(end\_date,'DD-MM-YY HH24:MI:SS') OR TRIP\_ONWD\_COMP\_DATE IS NULL)

    AND (PROXY\_CLOSURE\_DATE > TO\_DATE(end\_date,'DD-MM-YY HH24:MI:SS') OR PROXY\_CLOSURE\_DATE IS NULL)

 --   AND TRIP\_INV\_DATE >= TO\_DATE('01-01-17','DD-MM-YY') -- HARD CODED (Since data before the date is not accurate)

    GROUP BY EXTRACT(YEAR FROM TRIP\_INV\_DATE)

    UNION

    SELECT COUNT(\*) CNT,EXTRACT(YEAR FROM TRIP\_INV\_DATE) "YEAR"

    FROM ETRK\_MUL\_NEWTRIP\_HIST

    WHERE TRIP\_INV\_DATE BETWEEN TO\_DATE( from\_date,'DD-MM-YY HH24:MI:SS') AND TO\_DATE( end\_date,'DD-MM-YY

HH24:MI:SS')

    AND (TRIP\_AUTO\_CLOSURE\_DATE > TO\_DATE(end\_date,'DD-MM-YY HH24:MI:SS') OR TRIP\_AUTO\_CLOSURE\_DATE IS NULL)

    AND (TRIP\_COMPLETED\_DATE > TO\_DATE(end\_date,'DD-MM-YY HH24:MI:SS') OR TRIP\_COMPLETED\_DATE IS NULL)

  AND (TRIP\_ONWD\_COMP\_DATE > TO\_DATE(end\_date,'DD-MM-YY HH24:MI:SS') OR TRIP\_ONWD\_COMP\_DATE IS NULL)

AND (PROXY\_CLOSURE\_DATE > TO\_DATE(end\_date,'DD-MM-YY HH24:MI:SS') OR PROXY\_CLOSURE\_DATE IS NULL)

  --  AND TRIP\_INV\_DATE >= TO\_DATE('01-01-17','DD-MM-YY') -- HARD CODED (Since data before the date is not accurate)

    GROUP BY EXTRACT(YEAR FROM TRIP\_INV\_DATE)

    ) X ORDER BY "YEAR";

  END IF;

END MSIL\_OPENTRIPS4;

**QUERY 3: CLOSED  TRIPS**

Create or replace PROCEDURE MSIL\_CLOSEDTRIPS4

(

C OUT SYS\_REFCURSOR,

P\_FROM\_DATE IN DATE,

P\_TO\_DATE IN DATE

)

AS

BEGIN

OPEN C FOR

Select X.CNT, "YEAR" from (

SELECT COUNT(\*) CNT,extract(YEAR from coalesce(TRIP\_ONWD\_COMP\_DATE, PROXY\_CLOSURE\_DATE,

TRIP\_COMPLETED\_DATE,     TRIP\_AUTO\_CLOSURE\_DATE)) "YEAR"

FROM ETRK\_MUL\_NEWTRIP

WHERE

COALESCE(TRIP\_ONWD\_COMP\_DATE,PROXY\_CLOSURE\_DATE,TRIP\_COMPLETED\_DATE,TRIP\_AUTO\_CLOSURE\_DATE)>=P\_

FROM\_DATE AND

COALESCE(TRIP\_ONWD\_COMP\_DATE,PROXY\_CLOSURE\_DATE,TRIP\_COMPLETED\_DATE,TRIP\_AUTO\_CLOSURE\_DATE)<=P\_

TO\_DATE

-- AND TRIP\_INV\_DATE >= TO\_DATE('01-01-19','DD-MM-YY')

Group by extract(YEAR from coalesce(TRIP\_ONWD\_COMP\_DATE, PROXY\_CLOSURE\_DATE, TRIP\_COMPLETED\_DATE,

TRIP\_AUTO\_CLOSURE\_DATE))

UNION

SELECT COUNT(\*) CNT,extract(YEAR from coalesce(TRIP\_ONWD\_COMP\_DATE, PROXY\_CLOSURE\_DATE,

TRIP\_COMPLETED\_DATE, TRIP\_AUTO\_CLOSURE\_DATE)) "YEAR"

FROM ETRK\_MUL\_NEWTRIP\_HIST

WHERE

COALESCE(TRIP\_ONWD\_COMP\_DATE,PROXY\_CLOSURE\_DATE,TRIP\_COMPLETED\_DATE,TRIP\_AUTO\_CLOSURE\_DATE)>=P\_FROM\_DATE

AND

COALESCE(TRIP\_ONWD\_COMP\_DATE,PROXY\_CLOSURE\_DATE,TRIP\_COMPLETED\_DATE,TRIP\_AUTO\_CLOSURE\_DATE)<=P\_TO\_DATE

--AND TRIP\_INV\_DATE >= TO\_DATE('01-01-19','DD-MM-YY')

Group by extract(YEAR from coalesce(TRIP\_ONWD\_COMP\_DATE, PROXY\_CLOSURE\_DATE, TRIP\_COMPLETED\_DATE,

TRIP\_AUTO\_CLOSURE\_DATE))

)X order by "YEAR";

END MSIL\_CLOSEDTRIPS3;

**QUERY 4:- DELAY TRIPS**

create or replace PROCEDURE MSIL\_DELAYTRIPS4

(

    C OUT SYS\_REFCURSOR,

    P\_FROM\_DATE IN DATE,

    P\_TO\_DATE IN DATE

    )

  AS

 BEGIN

  OPEN C FOR SELECT X.CNT,"YEAR" FROM

  (SELECT EXTRACT(YEAR FROM TRIP\_INV\_DATE) "YEAR",COUNT(\*) CNT

  FROM ETRK\_MUL\_NEWTRIP

  WHERE (TRIP\_INV\_DATE >= P\_FROM\_DATE

  AND TRIP\_INV\_DATE    <= P\_TO\_DATE)

--  AND TRIP\_INV\_DATE    >= TO\_DATE('01-01-17','DD-MM-YY') -- HARD CODED (Since data before the date is not accurate)

  AND TRIP\_ETA\_STATUS LIKE 'DELAY%'

  GROUP BY EXTRACT(YEAR FROM TRIP\_INV\_DATE)

  UNION

   SELECT EXTRACT(YEAR FROM TRIP\_INV\_DATE) "YEAR",COUNT(\*) CNT

  FROM ETRK\_MUL\_NEWTRIP\_HIST

  WHERE (TRIP\_INV\_DATE >= P\_FROM\_DATE

  AND TRIP\_INV\_DATE    <= P\_TO\_DATE)

--  AND TRIP\_INV\_DATE    >= TO\_DATE('01-01-17','DD-MM-YY') -- HARD CODED (Since data before the date is not accurate)

  AND TRIP\_ETA\_STATUS LIKE 'DELAY%'

  GROUP BY EXTRACT(YEAR FROM TRIP\_INV\_DATE)

  ) X ORDER BY "YEAR";

END MSIL\_DELAYTRIPS4;